

Information ON Artificial penetrations

Post



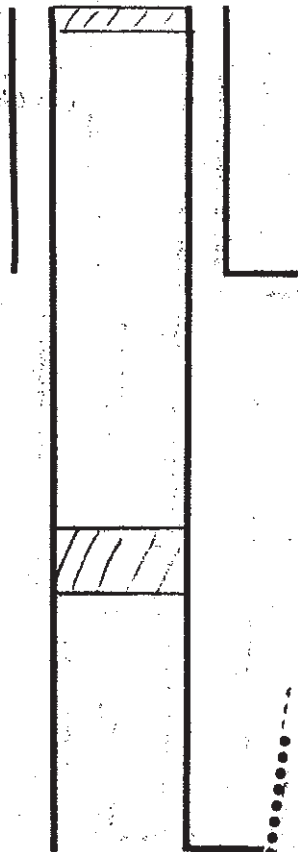
ARTIFICIAL PENETRATION REVIEW

• OPERATOR CHICAGO CORPORATION
• CONTROL No. A-1A
• LEASE J.T. ROGERS
• WELL 1
• STATUS P+ A
• RRC FORMS 2A, 4
• DISTANCE FROM INJECTOR 7875
• TD 4001'

RECEIVED
AUG 03 1995
UIC, MINIMUM AND
MAXIMUM VISC.

WELL DIAGRAM

PLUG #2
SURFACE PLUG
WELL 25.5X



NO SURFACE CASING SET
DUE TO NO PRODUCTIVE
WATER SANDS IN AREA.

PIPE FILLED WITH HEAVY
MUD BETWEEN PLUGS

PLUG #1
1128-616 WITH
200 SX

NO.00000004
VASQUEZ PROJECT
TECHNICAL REPORT
MAY 17,1991
VOLUME 2

• POTENTIAL PROBLEMS

NO.00000004

RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

APPLICATION TO PLUG AND WELL RECORD
FILE IN DUPLICATE WITH DEPUTY SUPERVISOR OF DISTRICT IN WHICH
WELL IS LOCATED FIVE FULL DAYS PRIOR TO PLUGGING

Name of Company or Operator The Chicago Corporation Address P.O. Box 1702, Corpus Christi, Texas

County Darwin Survey Marie De Los Angeles Sec. No. 1
De Abajo Trinidad

Name of Lessee J. T. Rogers Vela Grant. No. of Acres 1216.84 Well No. 1

Located 7 1/2 Miles S. 1/2 S. Direction from Brand (Nearest P. O. or Town)

Field in which well is located Wildcat

Form 1, "Notice of Intention to Drill," was filed in name of The Chicago Corporation

Drilling Commenced October 13 1948 Drilling Completed October 25 1948

Has this well ever produced oil? No or Gas? No

of Well (Oil, Gas or Dry) Dry Total Depth 1001'

Date you wish to Plug October 25 1948

Name of Party Plugging Well The Chicago Corporation Address P.O. Box 1702, Corpus Christi, Texas

Correspondence regarding this well should be sent to: Name A. L. Krafft

P.O. Box 1702, Corpus Christi, Texas

CASING RECORD

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL	
	IN.	FE.	FE.	IN.	FE.	IN.

RECEIVED

OCT 27 1948

TEXAS RAILROAD COMMISSION
CORPUS CHRISTI, TEXAS

IF CASING WAS CEMENTED GIVE NUMBER OF SACKS USED ON DIFFERENT STRINGERS

Initial Production of Gas: Volume None 24 hr. Pressure None (lb. per square inch)

Initial Production of Oil: Barrels None

Give notice before Plugging to all available Lease Owners, as required by Rule (10)

When Plugging completed, file final Plugging Report, duly signed and sworn to, and necessary forms will be furnished by Deputy Supervisor of district in which well is located.

NOTE: If not log available, so state and give all information that can be obtained as to total depth, casing record, perforations or not, cemented, etc. (form), water table, and as near as possible date well was drilled.

General Remarks: It is a common practice not to set any surface casing in this area due

to the fact that there is no productive water sands in this area.

SEE OTHER PERMANENT RECORD ATTACHED ON REVERSE SIDE

1-A

NO. 1000

FORMATION RECORD

Show All Formations, Especially All Sands and Character and Contents Thereof.

FORMATION	TOP	BOTTOM	REMARKS
and and caliche	0	68	
hard sand and clay	68	112	
sd, strks sdv sh, hd strks	112	1230	
sticky shale, hard shale	1230	1465	
hard sh, sand, sticky	1465	1957	
sandy sh, shale, hard shale	1957	2477	
and	2477	2492	Cored
lt limy shy sd	2492	2502	"
sd, hd tight sandstone	2502	2512	"
ne soft sd, sh and shells	2512	2530	"
and shells	2530	2535	"
icky sh, sdv sh, hd streaks	2535	2680	
icky sh, hd sticky shale	2680	2765	
hale, sand and sandy shale	2765	2801	Cored
sdv sh, sdv sh, green shale	2801	2821	"
	2821	2942	
shells	2942	2952	Cored
sh, sh, green sh, sh	2952	2978	"
ay sand	2978	2983	"
all, hard streaks	2983	3060	
reen sh, sh, black sh, shale	3060	3078	Cored
reen sh, sdv sh, soft sand	3078	3088	"
sand w/ strks, shale and shells	3088	3098	"
sd, hd sdv sh, shy sd, shells	3098	3113	"
	3113	3140	
le, firm sand	3140	3160	Cored
	3160	3215	
shells, tight shy sand	3215	3237	Cored
sd, firm sd, hd tight sd gas odor	3237	3242	"
d tight sandstone, slight gas odor	3242	3243	"
hd tight sand, soft sand	3243	3247	"
shale, sand, hard streaks	3247	3997	
	3997	4001	
	4001		

Method of shutting off water: Mud and cement Is water completely shut off? Yes
 water with oil per cent.

I, As L. Krafts
 being first duly sworn, depose and state that I have knowledge of the facts and matter herein set forth and that the same are true
 and correct.

Subscribed and sworn to before me this 27 day of October 1948

Geraldine Brown
 Notary Public

Nueces County, Texas

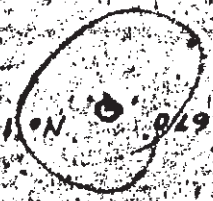
H. T. CUNNINGHAM
ENGINEER
CHICAGO, ILL.

ST. LOUIS & SANTA FE
RAILROAD
CHICAGO, ILL.

CHICAGO CORP.

CAM CORP.

CAM CORP.



Lease line

Lease line

ARTIFICIAL PENETRATION REVIEW

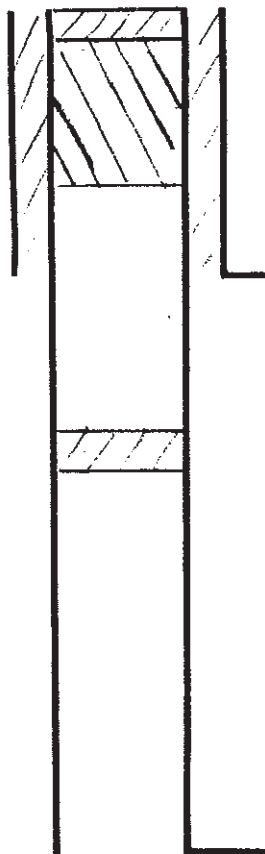
◦ OPERATOR CARTER & CARTER
◦ CONTROL No. A-17
◦ LEASE I, OLSON
◦ WELL #2
◦ STATUS P+A
◦ RRC FORMS 2A, 4
◦ DISTANCE FROM INJECTOR 7,800
◦ TD 3079'

WELL DIAGRAM

PLUG #3
SURFACE PLUG 5 SX

PLUG #2
10 - Ø SX N/A

PLUG #1
3053-3011 SX N/A



◦ POTENTIAL PROBLEMS
.....
.....
.....

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

Block No. _____

2

Name of Agent H. SOLER Date of Birth 1901 Div 1

East of Field in which well is located South of Mosquito

Number 100 Direction from Laboratory (A. J. Tamm) (March 2, 1936)

"of Intention to Drill," was filed in name of Carter & Carter

Commenced December 21, 1956. Drilling Completed December 21, 1956.

Will this well ever produce oil? No or Gas? No

Character of Well (Oil, Gas or Dry) Dry Total Depth 3079'

14 to Ping January 12. 1954

City Plugging Well O. K. Well Service Address Hobbyville, Texas

response regarding this will should be sent to: Name CARRON & CARRON

Address 1030 Wilson Building, San Antonio, Texas

Initial Production of Gas: Volume (MCF) _____ 24 Hrs. Pressure _____ lbs. per square inch _____

Quantity of Oil: Barrels _____

notice before plugging to all available Lease Owners, as required by Rule (19).

When Flagger completed, file final Flagger Report, duly signed and sworn to. All necessary forms will be furnished by the Deputy Supervisor of district in which well is located.

ing available, so state and give all information that can be obtained to as total depth, whether or not cased, geologic
center sands, and as soon as possible data will be drilled.

General Remarks: _____

THE NEW FRONTIER AND ADVANTAGE ON HUMANITARIAN

A-17

FORMATION RECORD
Show All Formations, Especially All Sands and Character and Contents Thereof

Method of shutting off water _____ Is water completely shut off? _____ You
Amount of water with oil _____ per cent. _____
I, W. W. CARTER 3561 ST NW
being first duly sworn on oath state that I have knowledge of the facts and matter herein set forth and that the same are true
and correct. W. W. CARTER
and sworn to before me this 15th day of JANUARY, 1926
Mary Catherine Henckel
MARY CATHERINE HENCKEL
Notary Public
County, Texas

RECEIVED

Form 4

RAILROAD COMMISSION OF TEXAS

OIL AND GAS DIVISION

JAN 17 1956

Plugging Record

Please Refer to

File No. _____

FILE IN DUPLICATE WITH DEPUTY SUPERVISOR OF DISTRICT IN WHICH WELL IS LOCATED

Company Carter & Carter Address 1030 Milam Bldg., San Antonio, Texas

Block No. 3 Survey El Mesquite County Duval

Well No. 2 Name of Lessee I. Olson No. of Acres 160

Name of Field in which well is located So. El Mesquite Date well was plugged 1-12, 1956

Form 1 (Notice of Intention to Drill) Was Filed in Name of Carter & Carter

Character of Well at the time of completion: Oil _____ bbls; Gas _____ Cu. Ft.; Dry X

Amount well producing when plugged: Oil _____ bbls; Gas _____ Cu. Ft.; Water 1 bbls.

Has well ever produced oil or gas? No

Total Depth 3079 feet. Top of each producing sand _____ feet.

Was the well filled with mud-laden fluid, according to regulations of the Railroad Commission? Yes

How was mud applied? PUMP

Were plugs used? Yes If so, show all shoulders left for casing, depth of each, and size of casing, size

and kind of plug used, and depth placed. Also amount of cement and rock. Was well shot? No

Amount plugs @ 3011' - 3053'; 20' in & 20' below surface casing; 5 sks. in top

surface casing.

SIZE PIPE	PUT IN WELL		PULLED OUT		LEFT IN WELL		PACKERS AND SHOES
	Pl.	In.	Pl.	In.	Pl.	In.	
10 3/4"	270				270		
5 1/2"	3079		1311		1768		
2 3/8"	3011		3011				

Depth found and thickness of all water, oil and gas formations _____

Have all abandoned wells on this lease been plugged according to Commissions rules? Yes

Manner of confining all oil, gas or water to strata: Cemented Casing

The names of adjacent lease, royalty and landowners with their addresses in each instance as follows: _____

W. W. Carter, Jr., Hebbbronville, Texas

Corporation, Driskoll Building, Corpus Christi, Texas

Was notice given, before plugging to all available adjacent lease owners as required by Rule 107? Yes

I, W. W. Carter, Jr., being first duly sworn on oath, state that I have knowledge of the facts

and herein set forth and that the same are true and correct.

Witness my hand and seal this _____ day of _____, 1956

Subscribed and sworn to before me this 16th day of January, 1956

Mary Catherine Henckel
Notary Public MARY CATHERINE HENCKEL County, Texas

Notary Public, Bexar County, Texas

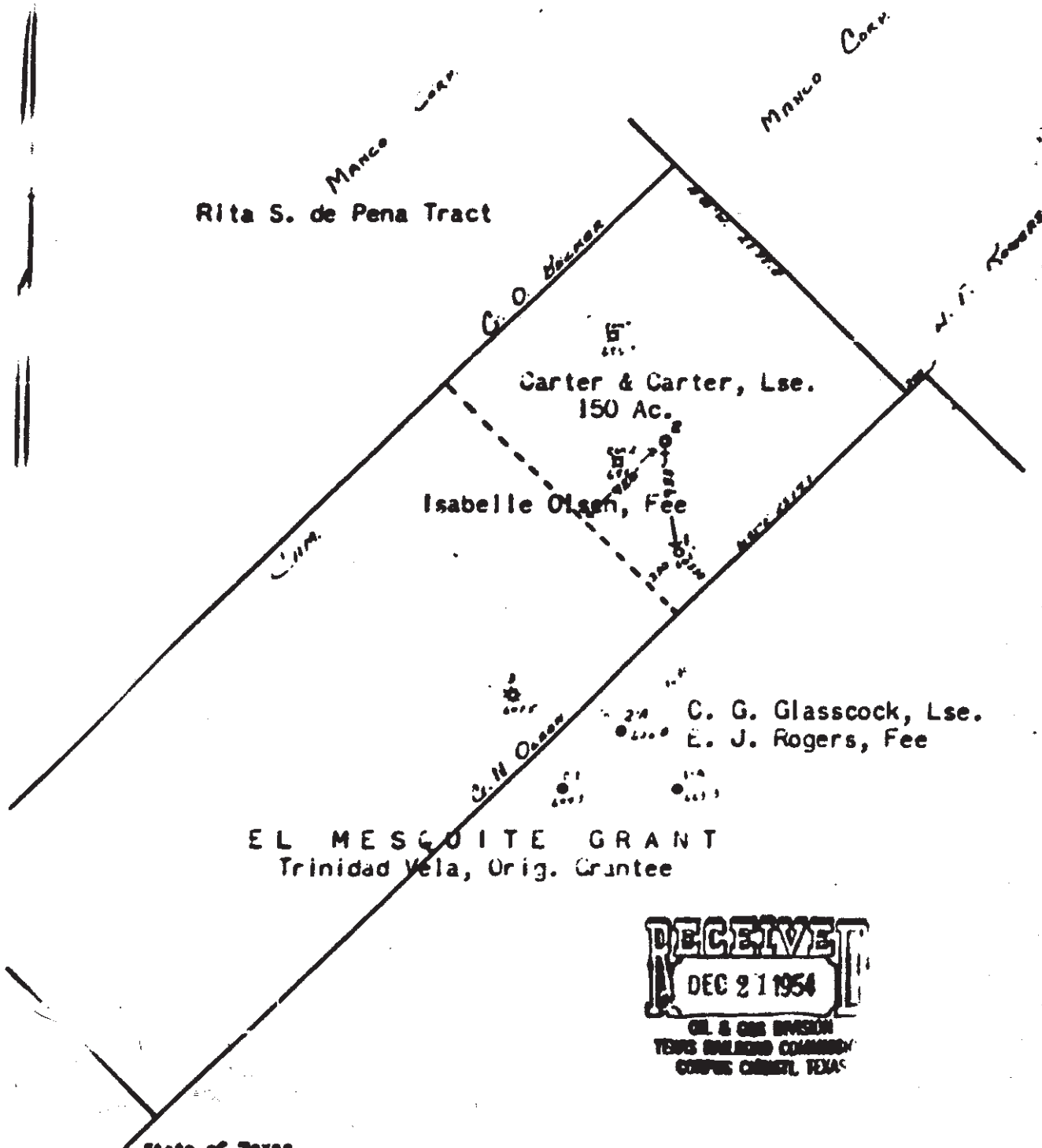
Correspondence regarding this well should be addressed to:

Name Carter & Carter Address 1030 Milam Building, San Antonio, Texas

DR

NE:

Plat Showing Well Location
 Carter & Carter No. 1 Isabelle Olsen
 N.E. 150 Ac. of 491.6 Ac. Tract out of
 Share 4 El Mesquite Grant
 Duval County, Texas
 Scale: 1" = 1000 Feet



State of Texas
 County of Webb

I, C. Douglas, a licensed State Land Surveyor, do hereby
 certify that the foregoing survey was made by me on the ground, and the
 same is true and correct.
 This the 9th day of October, 1954.

C. Douglas
 Licensed State Land Surveyor
 Douglas & Sorland, Laredo, Texas

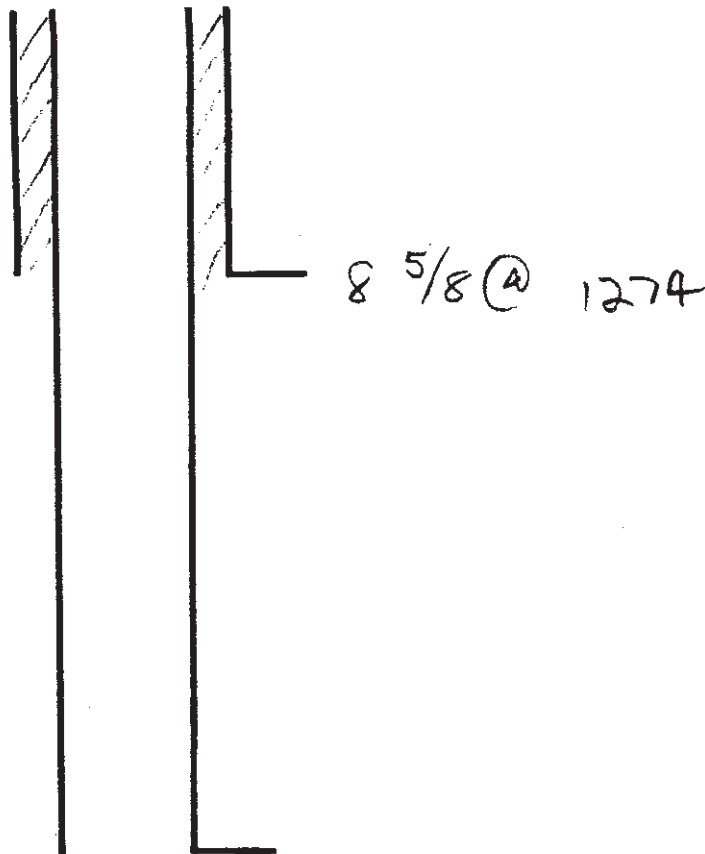
RECEIVED

ARTIFICIAL PENETRATION REVIEW

• OPERATOR HERSCHAP BROTHERS
• CONTROL No. A-17A
• LEASE JOSE RAMIREZ
• WELL #3
• STATUS ACTIVE
• RRC FORMS W-2, W-15
• DISTANCE FROM INJECTOR 7,800'
• TD 5314'

WELL DIAGRAM

ACTIVE OIL WELL



• POTENTIAL PROBLEMS
.....
.....
.....

© 00000000

Type for print only

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form W-2
Rev. 4/1/83
483-046

13(A) Exception Dated

Well Potential Test, Completion or Recompletion Report, and Log		7. RRC District No. 04
1. FIELD NAME (as per RRC Records or Wildcat) El Mesquite (5200)		8. RRC Lease No. 11577
2. LEASE NAME Jose Ramirez		9. Well No. 3
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) Herschap Brothers		10. County of well site Duval
4. ADDRESS P. O. Box 127 Bruni, Texas 78344		11. Purpose of filing Initial Potential <input checked="" type="checkbox"/> Retest <input type="checkbox"/> Reclass <input type="checkbox"/> Well record only (explain in Remarks) <input type="checkbox"/>
5. If Operator has changed within last 60 days, name former operator N.A.		
6a. Location (Section, Block, and Survey) Absr 612 El Mesquite	6b. Distance and direction to nearest town in this county. 14.75 Miles SW of Realto	
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR N.A.	GAS ID or OIL LEASE # AUG 18 1989	
3. Type of electric or other log run Schlumberger-Triple Combo		14. Completion or recompletion date 6-21-89

SECTION I: POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

5. Date of test 7-11-89	16. No. of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping-- Size & Type of pump) flowing	18. Choke size 8/64
9. Production during Test Period Oil - BBLS 47	Gas - MCF 35	Water - BBLS 0	Gas - Oil Ratio 744
0. ated 24- ate	Oil - BBLS --	Gas - MCF --	Water - BBLS --
1. swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells) 893 Bbls	23. Injection Gas-Oil Ratio N.A.

REMARKS:

Return to
Central
Records

JUL 1989

AUG 1989

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (State Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill only the front side.

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester Billy Lopez Name of Company Herschap Brothers RRC Representative

OPERATOR'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Signature: Howard Herschap Title of Person Operator
Date: 7/14/89
Telephone: Area Code 512 Number 747-5341

2/8/1/89 17-A

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

24. Type of Completion:

New Well ☒Deepening ☐Plug Back ☐Other ☐25. Permit to Drill,
Plug Back or
Deepen

DATE

5-19-89

PERMIT NO.

359401

Rule 37

CASE NO.

Exception

--

Water Injection

PERMIT NO.

Permit

--

Salt Water Disposal

PERMIT NO.

Permit

--

Other

PERMIT NO.

--

26. Notice of Intention to Drill this well was filed in Name of

Herschap Brothers

27. Number of producing wells on this lease in
this field (reservoir) including this well

3

28. Total number of acres
in this lease

160

29. Date Plug Back, Deepening,
WorkOver or Drilling
Operations:

Commenced

Completed

30. Distance to nearest well,
Same Lease & Reservoir

Drilling

6-11-89

6-17-89

1200'

31. Location of well, relative to nearest lease boundaries
of lease on which this well is located

1140 Feet From SE

Line and

1150

Feet from

NE Line of the

Jose Ramirez

Lease

32. Elevation (DF, RKB, RT, GR, ETC.)

646 GR

33. Was directional survey made other
than inclination (Form W-12)?☐ Yes☒ No

34. Top of Pay

5166

35. Total Depth

5314

36. P. B. Depth

5274

37. Surface Casing
Determined by:Field ☐

Recommendation of T.D.W.R.

☒

Railroad Commission (Special)

☐

Dt. of Letter 5-15-89

Dt. of Letter

38. Is well multiple completion?

No

39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease
or Gas ID No.

FIELD & RESERVOIR

GAS ID or
OIL LEASE #Oil-O
Gas-GWELL
#40. Intervals
Drilled
by:Rotary
ToolsCable
Tools

41. Name of Drilling Contractor

N.A.

42. Is Cementing Affidavit
Attached?☒ Yes☐ No

Price Drilling

43. CASING RECORD (Report All Strings Set in Well)

CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL D TH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
8-5/8	24.0	1274	--	300 HLC	12-1/4	surface	534
				105 Standard			
4-1/2	10.5	5314	--	277HLC	7-7/8	2500	507
				205 POZ			258

44. LINER RECORD

Size	TOP	Bottom	Sacks Cement	Screen
N.A.				

45. TUBING RECORD

Size	Depth Set	Packer Set	From	To
2-3/8	5040	5040	5166	5176

46. Producing Interval (this completion) indicate depth of perforation or open hole

From	5166	To	5176
From		To	
From		To	
From		To	

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount and Kind of Material Used
N.A.	

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Depth
Loma Novia	3024		
Crockett	5166		

REMARKS

Cementers: Fill in shaded areas.
Operator: Fill in other items.

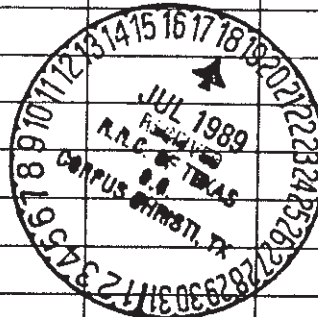
Herschap Bros
#3 Jose Ramirez
Inv.# 710191

Form W-15
Cementing Report
Rev. 4/1/83
483-045

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report)	2. RRC Operator No.	3. RRC District No.	4. County of Well Site
Herschap Brothers	381350	4	Duval
5. Field Name (Wildcat or exactly as shown on RRC records)	6. API No.	7. Drilling Permit No.	
El Mesquite (5200)	42-131-37233	359401	
8. Lease Name	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No.
Jose Ramirez	--	11577	3

CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
Cementing Date			6-17-89			
•Drilled hole size			7-7/8			
•Est. % wash or hole enlargement			10%			
Size of casing (In. O.D.)			4-1/2			
Top of liner (ft.)			--			
Setting depth (ft.)			5314			
Number of centralizers used			10			
Hrs. waiting on cement before drill out			--			
19. API cement used: No. of sacks ▶			277			
Class ▶			Premium			
Additives ▶			Remarks			
No. of sacks ▶			205			
Class ▶			Premium			
Additives ▶			--			
No. of sacks ▶			--			
Class ▶			--			
Additives ▶			--			
20. Slurry pumped: Volume (cu. ft.) ▶			507			
Height (ft.) ▶			2226			
Volume (cu. ft.) ▶			258			
Height (ft.) ▶			1133			
Volume (cu. ft.) ▶			--			
Height (ft.) ▶			--			
Volume (cu. ft.) ▶			765			
Height (ft.) ▶			3359			
Was cement circulated to ground surface or bottom of cellar) outside casing?			No			



1st slurry Halliburton Light + 0.1% HP-7
2nd slurry 50/50 Poz + 0.4% Halad-9

CEMENTING TO PLUG AND ABANDON	PLUG # 1	PLUG # 2	PLUG # 3	PLUG # 4	PLUG # 5	PLUG # 6	PLUG # 7	PLUG # 8
23. Cementing date								
24. Depth of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

John Macomber Field Supervisor
Name and title of cementer's representative

Halliburton Services
Cementing Company

John Macomber
Signature

P.O. Box 3350 Laredo Tx 78044-3350 512-723-2992 6-17-89
Address City, State, Zip Code Tel.: Area Code Number Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Howard Herschap
Typed or printed name of operator's representative

Operator
Title

Howard Herschap
Signature

P. O. Box 127, Bruni, Texas 78344 512-747-5341 7-14-89
City, State, Zip Code Tel.: Area Code Number Date: mo. day yr.

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (Casing, Cementing, Drilling, and Completion).

What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing job. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules.
- Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

Where to file. The appropriate Commission District Office for the county in which the well is located.

Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

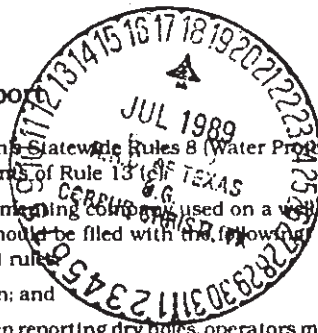
Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In deviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. Onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.



Price Drilling
#3 Jose Ramirez
Inv.# 710264

Cementor: Fill in shaded areas.
Operator: Fill in other items.

Form W-15
Cementing Report
Rev. 4/1/83
483-045

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As shown on Form P 5, Organization Report)	2. RRC Operator No.	3. RRC District No.	4. County of Well Site
Herschap Brothers	381350	4	Duval
5. Field Name (Wildcat or exactly as shown on RRC records)	6. API No.	7. Drilling Permit No.	
El Mesquite (5200)	42-131-37233	359401	
8. Lease Name	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No.
Jose Ramirez	--	11577	3

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		6-12-89					
13. •Drilled hole size		12 1/4					
•Est. % wash or hole enlargement		20%					
4. Size of casing (lin. O.D.)		8 5/8					
5. Top of liner (ft.)		--					
6. Setting depth (ft.)		1274					
7. Number of centralizers used		8					
8. Hrs. waiting on cement before drill-out		7					
1st Slurry	19. API cement used: No. of sacks ▶	300					
	Class ▶	HLC-STD					
	Additives ▶	3% Salt					
2nd Slurry	No. of sacks ▶	105					
	Class ▶	STD					
	Additives ▶	2% CaCl2					
3rd Slurry	No. of sacks ▶	--					
	Class ▶	--					
	Additives ▶	--					
4th	20. Slurry pumped: Volume (cu. ft.) ▶	534					
	Height (ft.) ▶	888.2					
5th	Volume (cu. ft.) ▶	123.9					
	Height (ft.) ▶	377.8					
6th	Volume (cu. ft.) ▶	--					
	Height (ft.) ▶	--					
7th	Volume (cu. ft.) ▶	657.9					
	Height (ft.) ▶	1266					
Was cement circulated to ground surface (or bottom of cellar) outside casing?		Yes					

-ks

50 BBls Cmt returns

OVER

CEMENTING TO PLUG AND ABANDON	PLUG # 1	PLUG # 2	PLUG # 3	PLUG # 4	PLUG # 5	PLUG # 6	PLUG # 7	PLUG # 8
23. Cementing date								
24. Size of hole or pipe plugged (in.)								
25. Distance to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Hank Boatright Cementer
Name and title of cementer's representative

Halliburton Services
Cementing Company

Hank Boatright
Signature

P. O. Box 3350 Laredo Tx. 78044-3350 512 723-2992 6 12 89
Address City, State, Zip Code Tel.: Area Code Number Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Howard Herschap
Typed or printed name of operator's representative

Operator
Title

Howard Herschap
Signature

P.O. Box 127 Bruni Tx. 78344 512/747-5341 7-14-89
City, State, Zip Code Tel.: Area Code Number Date: mo. day yr.

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of ferret casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
- Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

Where to file. The appropriate Commission District Office for the county in which the well is located.

Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In deviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement in offshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

O. F. Peña

JOSE RAMIREZ
334.6 AC.

J. T. ROGERS

EL MESQUITE GRANT

Valdez Estate

SUR. 171

(11577)
131-37233

STATE OF TEXAS
COUNTY OF WEBB

I, C. V. HOWLAND, JR., REGISTERED PUBLIC SURVEYOR,
DO HEREBY CERTIFY THAT THE ABOVE CAPTIONED WELL
LOCATION WAS SURVEYED AND STAKED ON THE GROUND
UNDER MY SUPERVISION. THE ABOVE PLAT IS TRUE AND
RECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
THE 11 DAY OF MAY, 1989

C. V. Howland, Jr.
REGISTERED PUBLIC SURVEYOR OF TEXAS NO. 305

HERSCHAP BROTHERS

NO. 3 LOCATION

JOSE RAMIREZ 162 AC. LCASC
54.4 AC EL MESQUITE GRANT - ABST. 612
DUVAL COUNTY, TEXAS

HOWLAND & MEDINA

Laredo, Texas

SCALE 1"=100'

DATE MAY 4, 1989

FIELD BOOK 138 PGS

DRAWN BY M. SALDAÑA

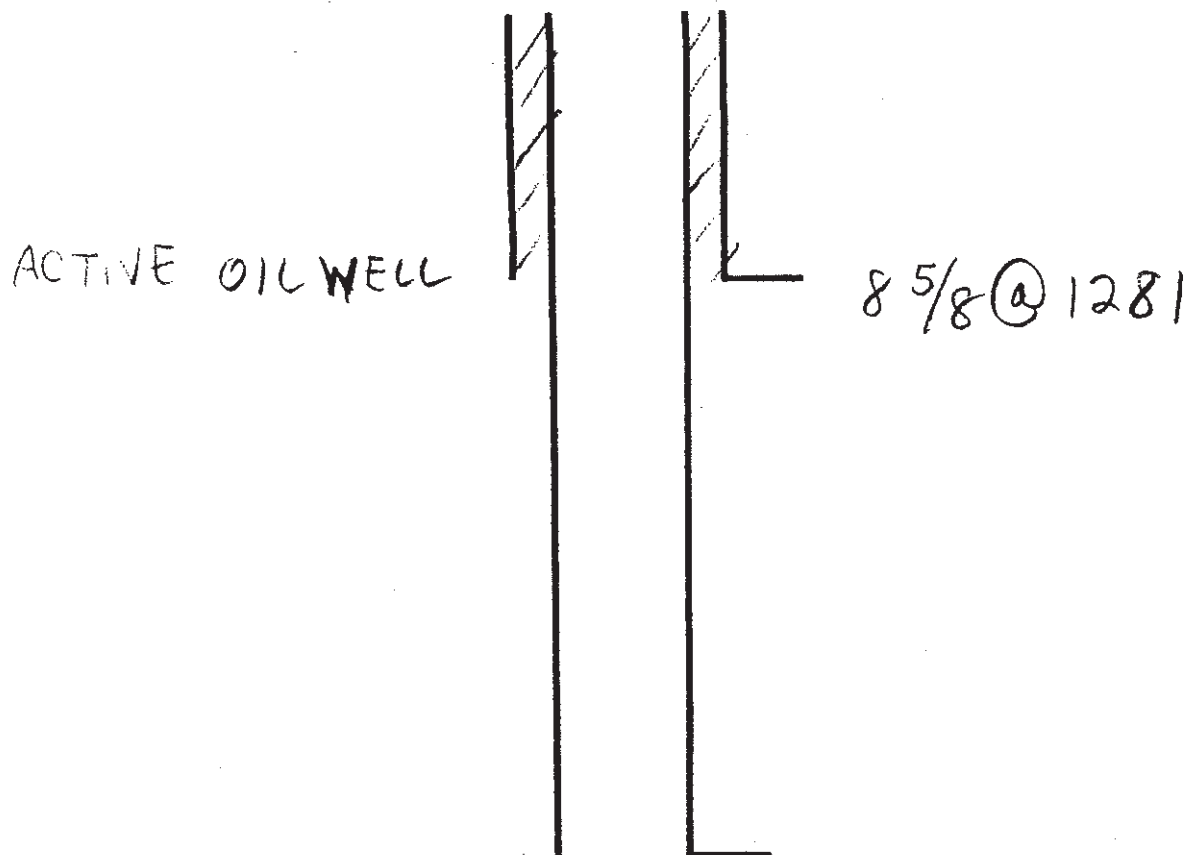
CHECKED BY

FILE NO. 8900004

ARTIFICIAL PENETRATION REVIEW

◦ OPERATOR HERSCHAP BROTHERS
◦ CONTROL No. A-18A
◦ LEASE JOSE RAMIREZ
◦ WELL #2
◦ STATUS ACTIVE
◦ RRC FORMS W-2, W-15
◦ DISTANCE FROM INJECTOR 8,200
◦ TD 6210'

WELL DIAGRAM



◦ POTENTIAL PROBLEMS
.....
.....
.....

WATER BOARD LETTER DATED 5-19-89

Depth 1250 ft.
Type of print only

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Form W-2

Rev. 4/1/83

483-046

13(A) Exception Dated _____

Surface Casing _____ ft.

API No. 42-131-37232

7. RRC District No.

04

8. RRC Lease No.

11577

9. Well No.

2

10. County of well site

Duval

11. Purpose of filing

Initial Potential ☒Retest ☐Reclass ☐Well record only
(explain in Remarks) ☐

Oil Well Potential Test, Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat)

El Mesquite (5200)

2. LEASE NAME

Jose Ramirez

3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report)

Herschap Brothers

RRC Operator No.

4. ADDRESS

P. O. Box 127, Bruni, Texas 78344

5. If Operator has changed within last 60 days, name former operator

N/A

6a. Location (Section, Block, and Survey)

Trinidad

6b. Distance and direction to nearest town in this county.

Abst 612-El Mesquite/Vela

14.5 Miles S.W. of Realitos

12. If workover or reclass, give former field (with reservoir) & gas (I) or oil lease no.
FIELD & RESERVOIR

N/A

GAS ID or
OIL LEASEOIL ID or
WELL NO.

13. Type of electric or other log run

Schlumberger - Triple Combo

6-15-89

SECTION I: POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules

15. Date of test 7-10-89	16. No. of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping— Size & Type of pump) flowing		18. Choke size 8/64
19. Production during Test Period 46	Oil - BBLS 46	Gas - MCF 38	Water - BBLS 0	Gas - Oil Ratio 826
20. Calculated 24- Hour Rate	Oil - BBLS —	Gas - MCF —	Water - BBLS —	Oil Gravity—API—60° 45
21. Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	22. Oil production prior to test (New & Reworked wells) 1104 bbls			23. Injection Gas—Oil Ratio n/a

REMARKS

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (See Rules 48 and 51) To report a completion or recompletion, fill in both sides of this form. To report a test, fill in only the front side.

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Billy Lopez

Herschap Brothers

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Howard Herschap

Operator

Typed or printed name of operator's representative

Title of Person

512/747-5341

7 / 14 / 89

Telephone: Area Code Number

Date: mo. day year

Signature

Howard Herschap

LND 11/100

SECTION II

DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

JUL 28 1989

24. Type of Completion:

New Well



Deepening



Plug Back



Other

25. Permit to Drill,
Plug Back or
Deepen

DATE

6-6-89

PERMIT

35940

Rule 37

CASE

Exception

Water Injection

PERMIT

Permit

Salt Water Disposal

PERMIT

Permit

Other

PERMIT

26. Notice of Intention to Drill this well was filed in Name of

Herschap Brothers

27. Number of producing wells on this lease in
this field (reservoir) including this well

2

28. Total number of acres
in this lease

160

29. Date Plug Back, Deepening,
WorkOver or Drilling
Operations:

Drilling

Commenced

6-4-89

Completed

6-10-89

30. Distance to nearest well.
Same Lease & Reservoir

1850'

31. Location of well, relative to nearest lease boundaries
of lease on which this well is located

467 Feet From

NW

Line and

467

Feet from

NE

Line of the

Jose Ramirez

Lease

32. Elevation (IDF, RKB, RT, GR, ETC.)

642.9 GR.

33. Was directional survey made other
than Inclination (Form W-12)?☐ Yes☒ No

34. Top of Pay

5136

35. Total Depth

6210

36. P. B. Depth

5300

37. Surface Casing

Determined by:

Field

☐

Rules

Recommendation of T.D.W.R.

☒

Railroad Commission (Special)

Dt. of Letter 5-15-89

Dt. of Letter

38. Is well multiple completion?

No

39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease
or Gas ID No.

FIELD & RESERVOIR

GAS ID or
OIL LEASE #Oil-O
Gas-G

WELL

40. Intervals
Drilled
by:Rotary
ToolsCable
Tool

41. Name of Drilling Contractor

N.A.

42. Is Cementing Affidavit
Attached?☒ Yes☐ No

Price Drilling

43. CASING RECORD (Report All Strings Set in Well)

CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
8-5/8	24.0	1281	- -	300H.L.C.	12-1/4	surface	534
4-1/2	11.6	5296	- -	105 standard			
				277 HLC	7-7/8	2500	507
				220 class H			260

44. LINER RECORD

Size	TOP	Bottom	Sacks Cement	Screen
N.A.				

45. TUBING RECORD

Size	Depth Set	Packer Set	From	To
2-3/8	5008	5021	5136	5146
			From	To
			From	To
			From	To

46. Producing Interval (this completion) Indicate depth of perforation or open hole

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount and Kind of Material Used
N.A.	

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Depth
Loma Novia	3028		
Crockett	5136		

REMARKS

Cement: Fill in shaded areas.
Operator: Fill in other items.

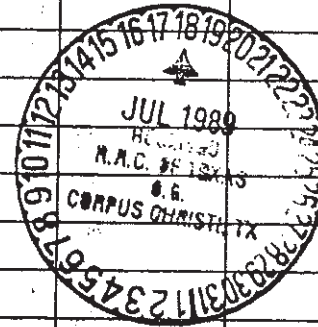
Herschap Brothers
#2 Jose Ramirez
Inv.# 710354

Form W-15
Cementing Report
Rev. 4/1/83
483-045

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report)	2. RRC Operator No.	3. RRC District No.	4. County of Well Site
Herschap Brothers	381350	4	Duval
5. Field Name (Wildcat or exactly as shown on RRC records)	6. API No.		7. Drilling Permit No.
El Mesquite (5200)	42- 131-37232		359400
8. Lease Name	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No.
Jose Ramirez	N.A.	11577	2

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date				6-10-89			
13. •Drilled hole size				7-7/8"			
•Est. % wash or hole enlargement				10%			
14. Size of casing (In. O.D.)				4-1/2			
15. Top of liner (ft.)				--			
16. Setting depth (ft.)				5296			
17. Number of centralizers used				10			
18. Hrs. waiting on cement before drill-out				--			
1st Slurry	19. API cement used: No. of sacks ▶			277			
	Class ▶			Premium			
	Additives ▶			Remarks			
2nd Slurry	No. of sacks ▶			220			
	Class ▶			Premium			
	Additives ▶			Remarks			
3rd Slurry	No. of sacks ▶			--			
	Class ▶			--			
	Additives ▶			--			
1st	20. Slurry pumped: Volume (cu. ft.) ▶			507			
	Height (ft.) ▶			2226			
2nd	Volume (cu. ft.) ▶			260			
	Height (ft.) ▶			1140			
3rd	Volume (cu. ft.) ▶			--			
	Height (ft.) ▶			--			
Total	Volume (cu. ft.) ▶			767			
	Height (ft.) ▶			3367			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?				No			
22. Remarks							
1st. slurry Halliburton light + 0.1% HR-7							
2nd 50/50 Pozmix + 0.4% Halad-9							



CEMENTING TO PLUG AND ABANDON	PLUG # 1	PLUG # 2	PLUG # 3	PLUG # 4	PLUG # 5	PLUG # 6	PLUG # 7	PLUG # 8
23. Cementing date								
Depth of hole or pipe plugged (in.)								
Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

John Macomber Field Supervisor
Name and title of cementer's representative

Halliburton Services
Cementing Company

John Macomber
Signature

P. O. Box 3350

Laredo, Tx

78044-3350

512 723-2992

6 10 89

Address

City

State

Zip Code

Tel.: Area Code Number

Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Howard Herschap

Operator

Typed or printed name of operator's representative

Title

Howard Herschap
Signature

P. O. Box 127, Bruni, Texas 78344

512/474-5341

7-14-89

Address

City

State

Zip Code

Tel.: Area Code Number

Date: mo. day yr.

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
- Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement for onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

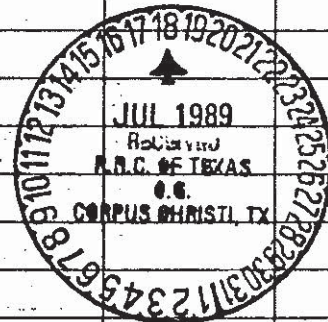
Cement: Fill in shaded areas.
Operator: Fill in other items.

Form W-15
Cementing Report
Rev. 4/1/83
483-045

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report)	2. RRC Operator No.	3. RRC District No.	4. County of Well Site
Herschap Brothers	381350	4	Duval
5. Field Name (Wildcat or exactly as shown on RRC records)	6. API No.	7. Drilling Permit No.	
El Mesquite (5200)	42- 131-37232	359400	
8. Lease Name	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No.
Jose Ramirez	--	11577	2

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		6-4-89					
13. •Drilled hole size		12 1/4					
•Est. % wash or hole enlargement		20%					
14. Size of casing (in. O.D.)		8 5/8					
15. Top of liner (ft.)		--					
16. Setting depth (ft.)		1282					
17. Number of centralizers used		8					
18. Hrs. waiting on cement before drill-out		7					
1st Slurry	19. API cement used: No. of sacks ▶	300					
	Class ▶	HLC (Tx. Stand.)					
	Additives ▶	3% Salt					
2nd Slurry	No. of sacks ▶	105					
	Class ▶	Texas Standard					
	Additives ▶	2% CaCl ₂					
3rd Slurry	No. of sacks ▶	--					
	Class ▶	--					
	Additives ▶	--					
1st	20. Slurry pumped: Volume (cu. ft.) ▶	534					
	Height (ft.) ▶	1293.8					
2nd	Volume (cu. ft.) ▶	123.9					
	Height (ft.) ▶	300					
3rd	Volume (cu. ft.) ▶	--					
	Height (ft.) ▶	--					
Total	Volume (cu. ft.) ▶	657.9					
	Height (ft.) ▶	1593.8					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?		Yes					
22. Remarks 20 BBls cmt returns							



CEMENTING TO PLUG AND ABANDON	PLUG # 1	PLUG # 2	PLUG # 3	PLUG # 4	PLUG # 5	PLUG # 6	PLUG # 7	PLUG # 8
23. Cementing date								
24. Depth of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

J.E. Jaco - District Manager

Name and title of cementer's representative

Halliburton Services

Cementing Company

Signature

P.O. Box 1997

Address

Alice, Texas 78333

City, State, Zip Code

512 664-0941

Tel.: Area Code Number

6-5-89

Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Howard Herschap

Typed or printed name of operator's representative

Operator

Title

Signature

P.O. Box 127

Bruni

Tx. 78344

City, State, Zip Code

512/747-5341

Tel.: Area Code Number

7-14-89

Date: mo. day yr.

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

1. **What to file.** An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
- Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

2. **Where to file.** The appropriate Commission District Office for the county in which the well is located.

3. **Surface casing.** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

4. **Centralizers.** Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In deviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

5. **Exceptions and alternative casing programs.** The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

6. **Intermediate and production casing.** For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

7. **Plugging and abandoning.** Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement for onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

O. F. Peña

Jose Ramirez
334.6 AC

28282930

J. T. Rogers

EL MESQUITE GRANT

Valdez Estate

SUR. 171

(11577)
131-37232

STATE OF TEXAS
COUNTY OF WEBB

I, C. V. HOWLAND, JR., REGISTERED PUBLIC SURVEYOR,
DO HEREBY CERTIFY THAT THE ABOVE CAPTIONED WELL
LOCATION WAS SURVEYED AND STAKED ON THE GROUND
UNDER MY SUPERVISION. THE ABOVE PLAT IS TRUE AND
CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
THIS 21 DAY OF May, 1989.

C. V. Howland, Jr.
REGISTERED PUBLIC SURVEYOR OF TEXAS NO. 305

HERSCHAP BROTHERS

NO. 2 LOCATION

JOSE RAMIREZ 162 AC LEASE
SH 4 EL MESQUITE GRANT ABST. 612
DUVAL COUNTY, TEXAS

HOWLAND & MEDINA

Laredo, Texas

SCALE 1"=100'

DATE May 4, 1989

FIELD BOOK 133 PGS

DRAWN BY M. SALDANA

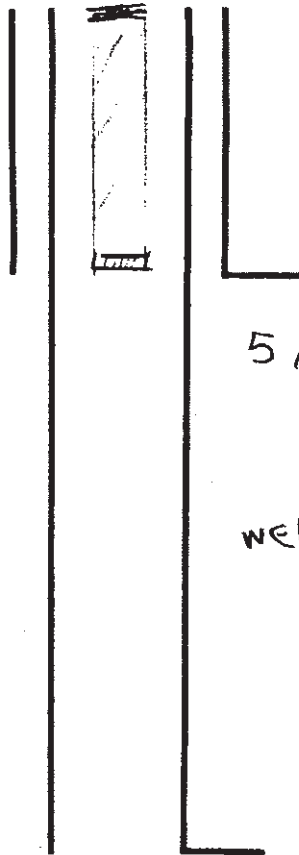
CHECKED BY

FILE NO.

ARTIFICIAL PENETRATION REVIEW

◦ OPERATOR CAM CORPORATION
◦ CONTROL No. A-19
◦ LEASE G.N. OLSON
◦ WELL #2
◦ STATUS P+A
◦ RRC FORMS 2A, 4
◦ DISTANCE FROM INJECTOR 8,100
◦ TD 3125'

WELL DIAGRAM



5 1/2 @ 3087'

well filled with heavy mud.

◦ POTENTIAL PROBLEMS
.....
.....
.....

Please Refer
to File No.

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form 2A

APPLICATION TO PLUG AND WELL RECORD
FILE IN DUPLICATE WITH DEPUTY SUPERVISOR OF DISTRICT IN WHICH
WELL IS LOCATED FIVE FULL DAYS PRIOR TO PLUGGING

Name of Company or Operator **CAM CORPORATION** Address **P.O. BOX 168, CORPUS CHRISTI**
County **DUVAL** Survey **EL MESQUITE** Blk. **SHADE 4** Sec. **13**
Name of Lease **G. N. OLSON** No. of Acres **491** Well No. **13**
Located **7** Miles **NW** Direction from **HEBBRONVILLE, TEXAS** (Nearest P.O. or Town)
Name of Field in which well is located **WILDCAT**

Form 1, "Notice of Intention to Drill," was filed in name of **CAM CORPORATION**

Drilling Commenced **APRIL 9,** 19 **48** Drilling Completed **APRIL 20,** 19 **48**

Has this well ever produced oil? **NO** or Gas? **NO**

Character of Well (Oil, Gas or Dry) **DRY** Total Depth

Date you wish to Plug **APRIL 28,** 19 **48**

Name of Party Plugging Well **CAM CORPORATION** Address **CORPUS CHRISTI, TEXAS**

Correspondence regarding this well should be sent to: Name **CAM CORPORATION**

Address **CORPUS CHRISTI, TEXAS**

CASING RECORD

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		PAVEMENT AND JOINTS
	PL	IN	PL	IN	PL	IN	
5-1/2"	3087 cemented w/ 75 sacks cement						5-1/2" ROBERT RICHARDSON

IF CASING WAS CEMENTED GIVE NUMBER OF SACKS USED ON DIFFERENT STRINGS
MCF

Initial Production of Gas: Volume **NONE** 24 hrs. Pressure **NONE** lbs. per square inch

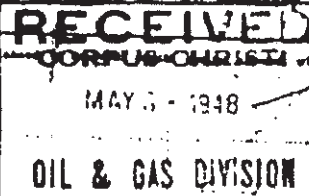
Initial Production of Oil: Barrels **NONE**

Give notice before Plugging to all available Lease Owners, as required by Rule (10).

When Plugging completed, file final Plugging Report, duly signed and sworn to. All necessary forms will be furnished by the Deputy Supervisor of district in which well is located.

NOTE: If no log available, so state and give all information that can be obtained as to location, water sands, and as near as possible date well was drilled.

General Remarks:



FILL OUT FORMATION AND AFFIDAVIT ON REVERSE SIDE

19 A-19

FORMATION RECORD

Show All Formations, Especially All Sands and Character and Contents Thereof

FORMATIONS	TOP	BOTTOM	REMARKS
Gallies & hd sd	0	90	
Sd, gravel, sd & shale	90	159	
Gravel & sd	159	280	
Sd & silty sh	280	678	
Clay & sd	678	891	
Sh, sd & sh	891	995	
Sd sd	995	1014	
Sd & sh	1014	1040	
Sd	1040	1052	
Sd sd	1052	1062	
Sh, sd, streaks	1062	1439	
Sd streaks & sh	1439	1897	
Sd streaks silty sh	1897	2228	
Sand	2228	2238	
Sh sd streaks	2238	2417	
Sd sd & sh	2417	2505	
Sd sh, sd streaks silty sh	2505	2704	
Sh sd streaks	2704	3015	
Gravel	3015	3018 1/2	Has 3-1/2' sh streaks 1100
Gravel	3018 1/2	3035	Has 6-1/2' carbon silty sh
Gravel	3035	3050	Has 5' silty gray breccia
Gravel	3050	3060	Has 5' 3' brills sh 1' 1/2' 1/2'
Gravel	3060	3069	2' sh & shells, clay 1' 1/2' 1/2'
Gravel	3069	3069	Has 9' 2-1/2' sh & sh 1' 1/2' 1/2'
Gravel	3069	3082	sd, silty sh
Gravel	3082	3085	Has 40' sh w/shells, sd
Gravel	3085	3088	Has 31' light sd, color
Gravel	3088	3088	Has 30' sh, silty sh
Gravel	3088	3088	Has 5' sh
Shale	3088	3088	Has 5' sh, shells & 1'
Sd Shale	3088	3093	
Sd	3093	3113	
Silty streaks Shale	3113	3125	

Method of shutting off water _____ Is water completely shut off?
 Amount of water with oil _____ per cent.

I, Frank B. Adams
 being first duly sworn on oath state that I have knowledge of the facts and matter herein set forth and that the same are true and correct.

Subscribed and sworn to before me at AUSTIN, TEXAS this May day of May 1948.

RECEIVED
AUSTIN, TEXAS
MAY 10 1948
OIL & GAS DIVISION

Frank B. Adams
 Representative of Company
James E. French
 Notary Public

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

PLUGGING RECORD

FILE IN DUPLICATE WITH DEPUTY SUPERVISOR OF DISTRICT IN WHICH WELL IS LOCATED

Operator GAM CORPORATION Address P.O. BOX 168, CORPUS CHRISTI

Sec. No. SHARE 4 Sit No. Survey EL MESQUITE County DUVAL

Well No. 2 Name of Lessee G. M. OLSON No. of Acres 29

Name of Field in which well is located WILDCAT Date well was plugged APRIL 25, 1948

Form 1, "Notice of Intention to Drill," was filed in name of GAM CORPORATION

Character of Well at the time of completion: Oil (Initial Production) Gas (Initial Production) Cu. ft. Day

Amount well producing when plugged: Oil NONE Gas NONE Cu. ft. Water

Has this well ever produced oil or gas? NO

Total Depth 3125 feet. Top of each producing sand 3044

Was the well filled with mud-laden fluid, according to regulations of the Railroad Commission? Yes

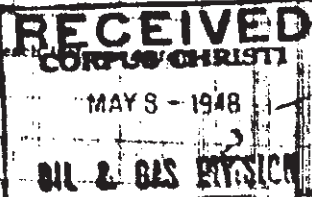
How was mud applied? Pump

Were plugs used? If so, show all shoulders left for casing, depth of each, and also of casing, showing 2' of plugs used, and depths placed. Also amount of cement and rock.

Was well shot?

Show depth found and thickness of all water, oil and gas formations 3044 - 3057Have all abandoned wells on this lease been plugged according to Commission rules? YesManner of confining all oil, gas and water to strata: Well filled w/10' mud - Ball plug and cement on 5-1/2" casing

The names of adjacent lease, royalty and landowners with their addresses in each section of the well.



Was notice given before plugging to all available adjacent lease owners as required by Rule 10?

1. Frank B. Adams being first duly sworn on oath, state that I have knowledge of the facts and the matter herein set forth and that the same are true and correct.

Name Frank B. Adams Title Secretary

Subscribed and sworn to before me this 6th day of May

Correspondence regarding this well should be addressed to:

Gam CorporationNotary Public Frank B. AdamsAddress P.O. Box 168, Corpus Christi, Texas

DRAW SKETCHES IN SPACE BELOW OR FILE CERTIFIED LEASE PLAT

4.1.2.0

.. 2. 273, 103

1907, 180.
1908, 180.

EL 6567

G. N. Olson, fee
491.6 Ac. out of
Share 4, El Imp. Grant

02
11 6601

NOISIANI SAS & TIO
BAC - 1000
GASOLINER

W. J. Rogers, Esq

144

2. On a first day, a person is asked to state his knowledge of the

THE UNIVERSITY OF CHICAGO

James T. ...
... Texas.

Keywords: child sexual abuse; disclosure; social support

Secretary Public

Court's Terms

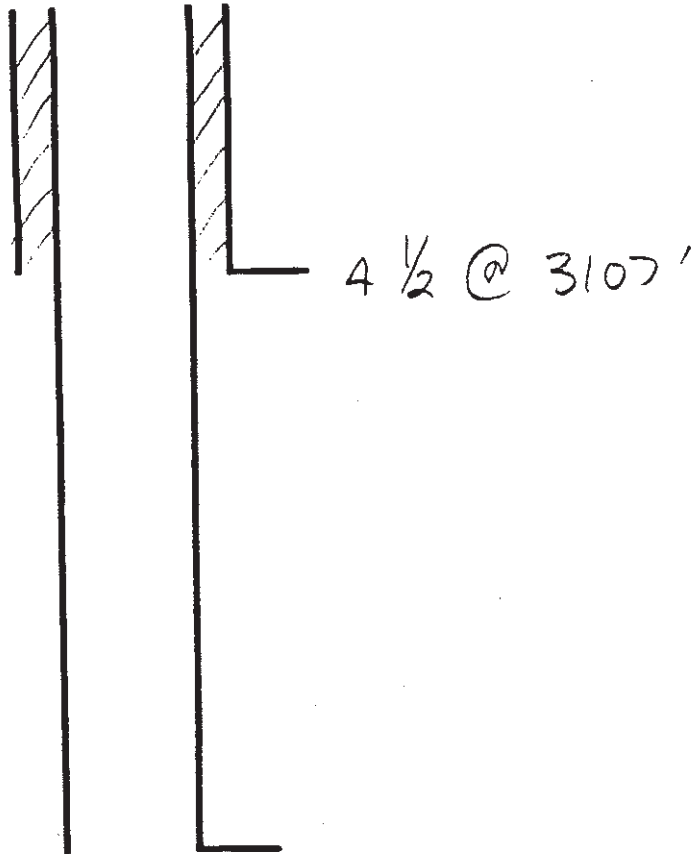
Abstract

ARTIFICIAL PENETRATION REVIEW

OPERATOR TKA
• CONTROL No. A - 19A
• LEASE RAMIREZ "B"
• WELL # 1
• STATUS ACTIVE
• RRC FORMS W-2, W-15
• DISTANCE FROM INJECTOR 8,400
• TD 3118'

WELL DIAGRAM

ACTIVE OIL WELL



• POTENTIAL PROBLEMS
.....
.....
.....

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

FORM W-2
Rev. 6/12/78

28054 500 OIL WELL POTENTIAL TEST
COMPLETION OR RECOMPLETION REPORT AND LOG

API NO. if Available 42-131-34948

7. RRC District 04

8. RRC Lease Number -NA (69729)

9. Well Number #1

10. County Duval

11. Purpose of Test Initial Potential ☒ Retest ☐ Reclass ☐

1. FIELD NAME (as per RRC Records or Wildcat) Wildcat

2. LEASE NAME Ramirez "B"

3. OPERATOR TKA

4. ADDRESS 7800 Shoal Creek, Suite 270-S, Austin, Texas 78767

5. If Operator has changed within last 60 days -- Give former Operator

6a. Location (Section, Block, and Survey) El Mesquite Grant Sur., A-612

6b. Distance and Direction to nearest town in this county. 8 miles W. from Crestonia, Tx.

12. If Workover or Reclass, Give former Field (with Reservoir) & Gas ID or Oil Lease #

13. Type of Electric or other Log run IES

14. Completion or Recompletion Date 10-17-80

SECTION I

POTENTIAL TEST DATA

15. Date of Test 1-27-81

16. No. of Hours Tested 24

17. Production Method (Flowing, Gas Lift, Jetting, Pumping - Size & Type of Pump) Pumping

18. Choke Size

19. Production During Test Period

Oil - BBLs 9

Gas - MCF 25

Water - BBLs 0

Gas - Oil Ratio 2778

Flowing Tubing Pressure

20. Calculated 24 Hour Rate

Oil - BBLs

Gas - MCF

Water - BBLs

Oil Gravity - API - 60° 32

Casing Pressure 35

21. Was Swab Used During this Test? Yes ☐ No ☒ XXX

22. Oil Produced Prior to Test (New & Reworked Wells) 128

23. Injection Gas-Oil Ratio

NOTE: TEST SHOULD BE FOR 24 HOURS UNLESS OTHERWISE SPECIFIED IN FIELD RULES

INSTRUCTIONS: All potential test Forms, with all information requested thereon filled in, shall be filed in the District Office of the Railroad Commission not later than ten (10) days after the test is completed and, should the operator fail to file potential test in an acceptable Form within the ten (10) days as specified, then the effective date of the allowable resulting from such test shall not extend back more than ten (10) days prior to receipt and acceptance of the potential test Form in the District Office. This Ten-Day provision shall govern regardless of whether the potential test is taken during the month in which it is received in the District Office or any prior month. Fill in only the front of this Form when reporting only a potential test; if well is newly completed or recompleted, fill in reverse side also.

EACH WITNESS MUST PERSONALLY SIGN.

We, the undersigned, witnessed this test, by observation of meter readings, or the top and bottom gauges of each tank, whichever is applicable, into which production was run during duration of this test.

Signature: REPRESENTATIVE OF COMPANY MAKING TEST

List of Offset Operators Notified and Date Notified:

Signature: REPRESENTATIVE OF RAILROAD COMMISSION

List of Offset Operators Notified and Date Notified:

An inclination survey has been run in accordance with Statewide Rule 11 and the results are available upon request. Maximum horizontal displacement was _____ feet at a measured depth of _____ feet.

see attached W/12's

Signature of Authorized Representative

Price Drilling Co.

Name of Company Conducting Survey

I have knowledge that the cementing operations, as reflected by the information found on the reverse side of this form, were performed as indicated by such information.

see attached W/15's

Signature of Cementer or Authorized Representative

The Western Co.

Name of Cementing Company

CERTIFICATE:

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete to the best of my knowledge.

REPRESENTATIVE OF COMPANY

Agent
TITLE

1/29/81
DATE

Phone 512
A/C

472-1520
NUMBER

19-A

131-34948

VALID PERMIT
Production Allocation

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Retest)									
24. Type of Completion: New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/> Reason of Intention to Drill this Well was filed in Name of TKA						25. Permit to Drill, Plug Back or Deepen DATE 6-6-80 PERMIT NO. 083187 Rule 37 Exception Water Injection Permit Salt Water Disposal Permit Other			
27. Number of Producing Wells on this Lease in This Field (Reservoir) including this Well 1			28. Total Number of Acres in this lease 160			PERMIT NO.			
29. Date Plug Back, Deepening, WorkOver or Drilling Operations: Commenced 9/9/80 Completed 9/13/80			30. Distance to Nearest Well, Same Lease & Reservoir - - - -			PERMIT NO.			
31. Location of Well, Relative to Nearest Lease Boundaries of Lease on which this Well is Located 870 Feet From SW Line and 1020 Feet From NW Line of the Ramirez "B" Lease						33. Was Directional Survey Made Other Than Inclination (Form W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
32. Elevation (DF, RKB, RT, GR, ETC) 653.9' GR						34. Top of Pay 3032' 35. Total Depth 3118' 36. P. B. Depth - - - - 37. Surface Casing Determined by: Field Rules <input type="checkbox"/> Recommendation of T.D.W.R. <input checked="" type="checkbox"/> Dt. of Ltr. 6-5-80 Railroad Commission (Special) <input checked="" type="checkbox"/> Dt. of Ltr. 6-9-80			
38. Is Well Multiple Completion? NO		39. If Multiple Completion List All Reservoir Names (Completions in this Well) and Oil Lease or Gas ID No. FIELD & RESERVOIR					40. Intervals Drilled by: Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/>		
41. Name of Drilling Contractor Price Drilling Co.						42. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
43. CASING RECORD (Report All Strings Set in Well)									
CASING SIZE	WT #/ FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (Sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.		
4-1/2"	10.50#	3107'	- - -	700 sks.	7-7/8"	surface	1016		
44. LINER RECORD									
Size	TOP	Bottom	Sacks Cement	Screen					
None									
45. TUBING RECORD									
Size	Depth Set	Packer Set	From	To					
2-3/8"	2788'	- - - -	3028'	3038'					
46. Producing Interval (this completion) indicate Depth of Performance or Open Hole									
From 3028' To 3038'									
From To									
From To									
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
Depth Interval					Amount and Kind of Material Used				
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)									
Formations	Depth	Formations	Depth						
Coal Sand	2213'								
Govt. Wells Sand	2920'								
oma Novia	3032'								

OILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

Form W-15
(Rev. 11-1-69)

CEMENTING REPORT

1. Field Name (as per RRC Records or Wildcat) Wildcat El Mesquite (3000)		2. RRC District 04
3. Operator T.K.A.		4. County XXXXXX Duval
5. Lease Name(s) and RRC Lease Number(s) or I. D. Number(s) Ramirez "B" 09729		6. Well Number 1
7. Location (Section, Block, and Survey) El Mesquite Grant Sur., A-612		

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
8. Cementing Date			9-13-80			
9. (a) Size of Drill Bit (Inches)			7-7/8			
(b) Estimated % Wash or Hole Enlargement Used in Calculations.						
10. Size of Casing (Inches O.D.)			4-1/2			
11. Top of Liner (if liner used) (ft.)						
12. Setting Depth of Casing (ft.)			3107'			
13. Type API Class Cement & Amount of Additives Used: (a) In First (Lead) or Only Slurry (If additional space is needed, use "REMARKS" on reverse side.)			LW+10%Salt+0.4% CF-2+0.2%AF-11			
(b) In Second Slurry			H+ 10%Salt+0.2%AF-11			
(c) In Third Slurry						
14. Sacks of Cement Used:						
(a) In First (Lead) or Only Slurry			430			
(b) In Second Slurry			270			
(c) In Third Slurry						
(d) Total Sacks of Cement Used			700			
15. Slurry Volume per Sack of Cement (cu.ft./sack):						
(a) In First (Lead) or Only Slurry			1.61			
(b) In Second Slurry			1.20			
(c) In Third Slurry						
16. Volume of Slurry Pumped: (cu. ft.) (Item 14 x Item 15)						
(a) In First (Lead) or Only Slurry			692			
(b) In Second Slurry			324			
(c) In Third Slurry						
(d) Total Slurry Volume Pumped (cu.ft.)			1016			
17. Calculated Annular Height of Cement Slurry behind Pipe (ft.)			4460 or Surface			
18. Was cement circulated to ground surface (or bottom of cellar) outside casing? (Yes or No)			Yes			
CEMENTING TO PLUG AND ABANDON DATA:	PLUG NO. 1	PLUG NO. 2	PLUG NO. 3	PLUG NO. 4	PLUG NO. 5	PLUG NO. 6
19. Cementing Date						
20. Size of Hole or Pipe in which Plug Placed (Inches)						
21. Depth to Bottom of Tubing or Drill Pipe (ft.)						
22. Sacks of Cement Used (each plug)						
Slurry Volume Pumped (cu. ft.)						
Calculated Top of Plug (ft.)						
25. Measured Top of Plug (if tagged) (ft.)						

RECEIVED
 O.G. OF TEXAS
 FEB 3 1981
 CORPUS CHRISTI, TEXAS

FEB 3 1981

(CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.)

- OVER -

* Designates items to be completed by Operator. Items not so designated shall be completed by Cementing Company.

4-24-87

26. Remarks:

*27. Remarks:

CEMENTING COMPANY

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers cementing data only.

Signature of Cementer or Authorized Representative

Ralph Gaulding

Name of Person and Title (type or print)

The Western Company

Cementing Company

P.O. Box 1730

Street Address or P.O. Box

Alice, Texas

78332

City, State

Zip Code

Telephone 512

664-2607

Area Code

9-13-80

Date

***OPERATOR**

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all well data and information presented herein.

Signature of Operator or Authorized Representative

James H. Murray, Agent

Name of Person and Title (type or print)

TKA

*Operator

7800 Shoal Creek, Suite 270-S

*Street Address or P.O. Box

Austin, Texas 78757

*City, State

Zip Code

*Telephone 512

472-1520

Area Code

1/29/81

*Date

INSTRUCTIONS

- A. This form shall be filed by the operator in the RRC District Office with:
 - (1) Each copy of an initial Form G-1 or W-2 if a cementing report is required by Statewide or Special Rules, or if exception is needed to cementing requirements in Statewide or Special Rules;
 - (2) Each copy of Form W-3;
 - (3) Each copy of Form W-4 if a multiple parallel casing completion.
- B. At least an original and one copy of this form shall be filed for each cementing company used on a well.
- C. The cementing of different casing strings on a well by one cementing company may be consolidated on one form (to be filed in duplicate).
2. Cementing Company and Operator shall comply with the applicable portions of Statewide Rules 8, 13, and 14. For offshore operations, Cementing Company and Operator shall comply with Statewide Rule 13(E).
3. If setting **FULL AMOUNT OF SURFACE CASING**:
 - A. Depth to protect fresh water determined by:
 - (1) Field Rule
 - (2) Texas Water Development Board, if no Field Rule
 - B. Set surface casing below depth to be protected and cement from casing shoe to ground surface.
4. IF SETTING ANYTHING OTHER THAN THE FULL AMOUNT OF SURFACE CASING, PERMISSION SHALL BE OBTAINED FROM THE RAILROAD COMMISSION.
5. If setting **NO SURFACE CASING** (See Item 4 above.):
 - A. If no multi-stage tool is used, the next deeper casing string shall be cemented from the casing shoe to the surface.
 - B. If using the multi-stage tool on the next deeper string, cement from the depth that protects fresh water sands to the surface.
6. If setting **SHORT SURFACE CASING** (See Item 4 above.):
 - A. Cement short surface casing from the shoe to the surface.
 - B. Whether the multi-stage tool is or is not used on the next deeper casing string, cement from the depth that protects fresh water sands to:
 - (1) the surface, or
 - (2) a point midway between shoe of surface string and the surface. Compliance will be considered if a temperature survey shows that the top of the cement is at least one-third of the distance from the shoe of the surface string to the surface.
7. Setting **PRODUCTION STRING** of Casing: (Statewide Rules; Special Rules may vary.)

Cement to a point at least 600 feet above the casing shoe.

When 3,000 feet or more of pipe is set for the production or protecting string, a minimum of 30 feet of cement shall be left inside the pipe.
8. **LUGGING and ABANDONING**:
 - A. Cement plugs shall be placed in the well bore as required by Rules and Regulations of the Commission plus any additional plugs as may be specified by the RRC District Director.
 - B. The minimum amount of cement normally used in each plug shall be a slurry volume equal to the amount necessary to fill the calculated volume of 100 feet of the hole in which the plug is placed.
 - C. A 10 foot cement plug is required to be placed in the top of the well.

of Maria B. Garcia Morea

Gus Becker, Minerals

O. F. Peña

TKA Ramirez B
Jose 160 Ac.

TKA
870' 40" 1020'

TKA Ramirez
Jose 334.6 AC.

TKA Ramirez
103158 1315'

TKA
J. T. Rogers

RECEIVED
R. R. C. OF TEXAS
FEB 3 1981
O. G.
CORPUS CHRISTI, TEXAS

EL MESQUITE GRANT

Ramirez Estate

TKA
No. 1-B Location
Jose Ramirez 160 Ac. Lease
Sh. 4 ~ El Mesquite Grant ~ Abst. 612
Dural County, Texas

41-09724

N

SCALE
1000'

00000004